



(C) Downregulated genes

Gene ID	Gene Description	Control (TPM)	FOXF1 KD (TPM)	EBseq Results	
				Fold change	P-Value
<i>ART3</i>	ADP-ribosyltransferase 3	26.26	3.47	-6.46	$P < 1.10E^{-17}$
<i>FOXF1</i>	Forkhead box F1	76.94	12.92	-5.47	$P < 1.10E^{-17}$
<i>MMP3</i>	Matrix metalloproteinase-3	258.75	50.2	-4.74	$P < 1.10E^{-17}$
<i>MAGED4B</i>	MAGE family member D4B	78.14	15.39	-4.69	$P < 1.10E^{-17}$
<i>RMST</i>	Rhabdomyosarcoma 2 associated transcript	22.98	5.36	-4.07	$P = 8.26E^{-13}$
<i>FGF7</i>	Fibroblast growth factor 7	25.06	8.11	-2.84	$P = 6.50E^{-11}$
<i>RXRG</i>	Re noid X receptor gamma	65.25	20.99	-2.79	$P = 5.51E^{-11}$
<i>DOCK10</i>	Dedicator of cytokinesis 10	22.42	7.36	-2.54	$P = 1.84E^{-08}$
<i>VGLL2</i>	Ves gial like family member 2	51.09	20.14	-2.38	$P = 4.63E^{-07}$
<i>TFAP2B</i>	Transcrip on factor AP-2beta	18.64	8.92	-1.92	$P = 1.9E^{-03}$

(D) Upregulated genes

Gene ID	Gene Description	Control (TPM)	FOXF1 KD (TPM)	EBseq Results	
				Fold change	P-Value
<i>MYL1</i>	Myosin light chain 1	35.15	192.48	+5.87	$P < 1.10E^{-17}$
<i>DMBT1</i>	Deleted in malignant brain tumors 1	4.11	19.16	+4.97	$P < 1.10E^{-17}$
<i>TNNC1</i>	Troponin C1, slow skeletal and cardiac type	9.1	33.77	+4.01	$P = 2.17E^{-10}$
<i>MYBPH</i>	Myosin binding protein H	10.1	22.53	+4.01	$P = 6.96E^{-06}$
<i>MYLPF</i>	Myosin light chain, phosphorylatable, fast skeletal muscle	30.54	104.62	+3.73	$P = 4.88E^{-15}$
<i>TNNI1</i>	Troponin I1, slow skeletal type	82.24	253.53	+3.01	$P = 1.37E^{-13}$
<i>TNNC2</i>	Troponin C2, fast skeletal type	18.91	41.04	+2.36	$P = 3.25E^{-04}$
<i>AGRN</i>	Agrin	11	23.54	+2.32	$P = 3.46E^{-07}$